



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (Case No. 01-1242)

In the Application of:

Ward, et al.

Serial No.: 09/936,964

Filing Date: March 15, 2000

For: Anti-p53 Antibodies

Examiner: TBA

Group Art Unit: 1646

Confirmation No.: 4441

TRANSMITTAL LETTER

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

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In regard to the above identified application,

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- 1. We are transmitting herewith the attached:
 - a) Information Disclosure Statement;
 - b) PTO Form 1449 and 14 references cited therein; and
 - c) return receipt postcard.
- 2. With respect to fees:
 - a) A check in the amount of \$180.00 is enclosed.
 - b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.
- 3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on January 29, 2003.

Respectfully submitted,

Date: January 29, 2003

Michael S. Greenfield

Registration No. 3/1, 142



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PATENT

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INFORMATION DISCLOSURE STATEMENT

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Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

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Dear Sir:

Pursuant to 37 C.F.R. Section 1.97 - 1.99, the Applicant wishes to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. Section 1.56. Copies of the cited references are enclosed. These references are also listed on the enclosed PTO Form 1449.

This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or Section 103.

Applicants do not believe any fee is due with this submission. If this belief be in error and the Patent Office determines that the fee prescribed in the relevant portion of 37 C.F.R. Section 1.97 is applicable, the undersigned attorney by his signature hereby authorizes any such fee to be debited from Deposit Account 13-2490.

OTHER DOCUMENTS

1. Ko, Linda J. and Prives, Carol, "p53: Puzzle and Paradigm," Department of Biological Sciences, Columbia University, New York 10027 USA, Genes and Development 10: 1054-1072 (1996).

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CERTIFICATE OF MAILING (37 C.F.R. 1.8a)

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Date: January 29, 2003

- 2. Soussi, Thierry and May, Pierre, "Structural Aspects of the p53 Protein in Relation to Gene Evolution: A Second Look," *J. Mol. Biol.* (1996) 260, 623-637.
- 3. Lubin, et al., "Analysis of p53 Antibodies in Patients with Various Cancers Define B-Cell Epitopes of Human p53: Distribution of Primary Structure and Exposure on Protein Surface," 5872-5876, December 15, 1993.
- Computer Corner, "Methods and Reagents, Fidelity of DNA polymerases for PCR," TIBS 20 August 1995.
- 5. Nissim, et al., "Antibody Fragments from a 'Single Pot' Phage Display Library as Immunochemical Reagents," The EMBO Journal, vol. 13, no. 3, pp. 692-698 (1994).
- 6. Chang, Bernard and Casali, Paolo, "The CDR1 Sequences of a Major Proportion of Human Germline Ig V_H Genes are Inherently Susceptible to Amino Acid Replacement," *Innunogolgy Today, Vol.* 15, No. 8 (1994).
- 7. Clark, et al., "Isolation of Human anti-c-*erb*B-2 Fabs from a Lymph Node-Derived Phage display library," Clin Exp Immunol 109: 166-174 (1997).
- 8. Ward, et al., "Retrieval of Human Antibodies from Phage-Display Libraries Using Enzymatic Cleavage," Journal of Immunological Methods 189 (1996) 73-82.
- 9. Chomczynski, Piotr and Sacchi, Nicoletta, "Single-Step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Choloroform Extraction," Analytical Biochemistry 16, 156-159 (1987).
- 10. Coomber, et. al., "Characterisation and Clinicopathological Correlates of Serum Anti-p53 Antibodies in Breast and Colon Cancer," J Cancer Res Clin Oncol (1996) 122: 757-762.
- 11. Abrams, et al., "Optimal Strategies for Developing Human-Human Monoclonal Antibodies," Methods in Enzymology, vol. 121 (1986).
- 12. Winter, et al., "Development of Antibodies against p53 in Lung Cancer Patients Appears To Be Dependent on the Type of p53 Mutation," Cancer Research 52, 4168-4174, August 1, 1992.
- 13. Vogelstein, Bert and Kinzler, Kenneth W., "p53 Function and Dysfunction," Cell, Vol. 70, 532-526, August 21, 1992.

14. Hollstein, et al., "p53 Mutations in Human Cancers," Science, vol. 253, 5 July 1991.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

Date: January 29, 2003

By:

Michael S. Greenfiel Reg. No. 37, 142

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Chicago, IL 60606

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- 03	1003	1	Clark, et al., "Isolation of Human anti-c-erbB-2 Fabs from a Lymph Node-Derived Phage display library," Clin Exp Immunol 109: 166-174 (1997).							
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EN STRAD		9.	Chomczynski, Piotr and Sacchi, Nicoletta, "Single-Step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Choloroform Extraction," Analytical Biochemistry 16, 156-159 (1987).							
		10. •								
		11.	Abrams, et al., "Optimal Strategies for Developing Human-Human Monoclonal Antibodies," Methods in Enzymology, vol. 121 (1986).							
		12.	Winter, et al., "Development of Antibodies against p53 in Lung Cancer Patients Appears To Be Dependent or the Type of p53 Mutation," Cancer Research 52, 4168-4174, August 1, 1992.							
		13	Vogelstein, Bert and Kinzler, Kenneth W., "p53 Function and Dysfunction," Cell, Vol. 70, 532-526, August 21, 1992.							
		14.	Hollstein, et al., "p53 Mutations in Human Cancers," Science, vol. 253, 5 July 1991.							
EXAMINER	}		DATE CONSIDERED							

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

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FORM PTO-1440 (Rev. 2-32)

U.S. Department of Commerce Patent and Trademark Office

Atty. Docket No.

Serial No.

01-1242

09/936,964

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

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Applicant:

Ward, et al.

Filing Date:

Group:

March 15, 2000

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U.S. PATENT DOCUMENTS

Examiner . Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	

FOREIGN PATENT DOCUMENTS

Document Number								Date	Country	Class	Subclass	Translation			
	Doddinent Humber					Julio		ocumu,		Yes		No			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

•	1	Ko, Linda J. and Prives, Carol, "p53: Puzzle and Paradigm," Department of Biological Sciences, Columbia University, New York 10027 USA, Genes and Development 10: 1054-1072 (1996).
	2	Soussi, Thierry and May, Pierre, "Structural Aspects of the p53 Protein in Relation to Gene Evolution: A Second Look," J. Mol. Biol. (1996) 260, 623-637.
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	5.	Nissim, et al., "Antibody Fragments from a 'Single Pot' Phage Display Library as Immunochemical Reagents," The EMBO Journal, vol. 13, no. 3, pp. 692-698 (1994).
	6. ·	Chang, Bernard and Casali, Paolo, "The CDR1 Sequences of a Major Proportion of Human Germline Ig V _H